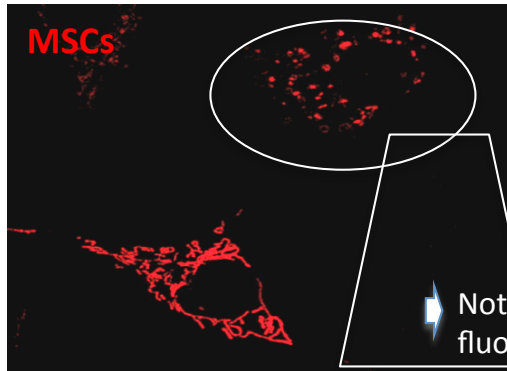


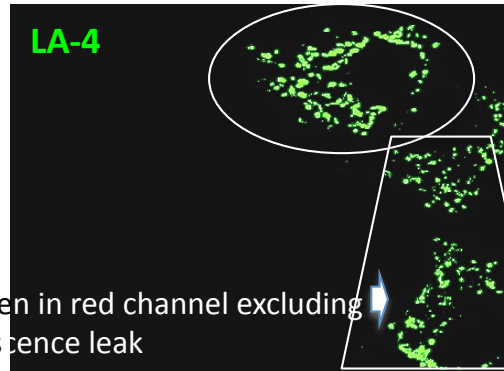
Dataset 3. This dataset shows a variety of images of the co-culture between MSC and rotenone treated EC.

## Time lapse imaging

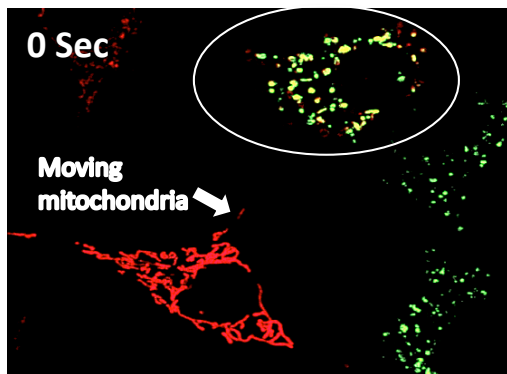
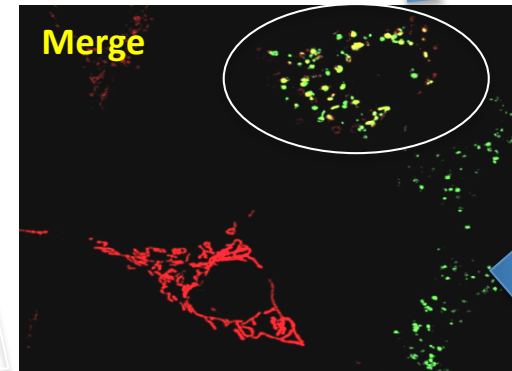
A1: Red Channel



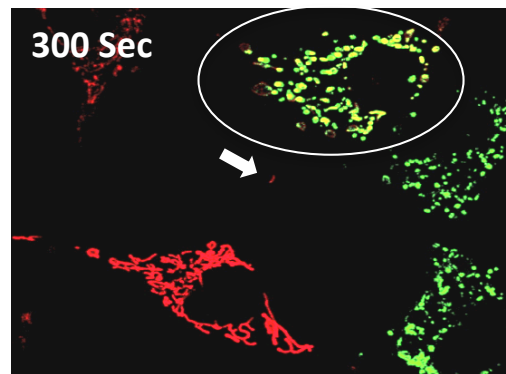
A2: Green channel



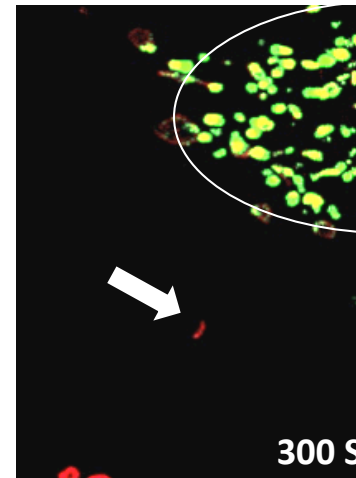
A12: Merged



B



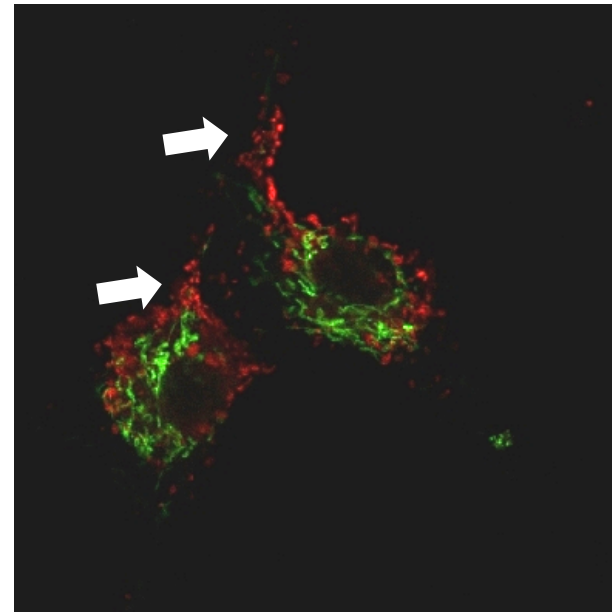
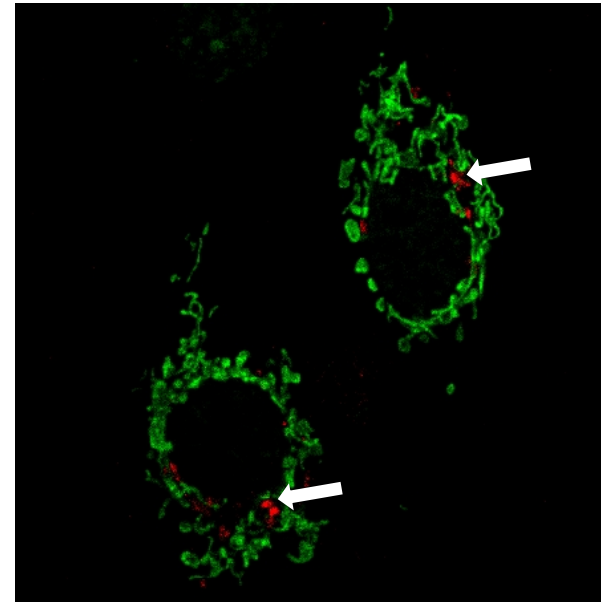
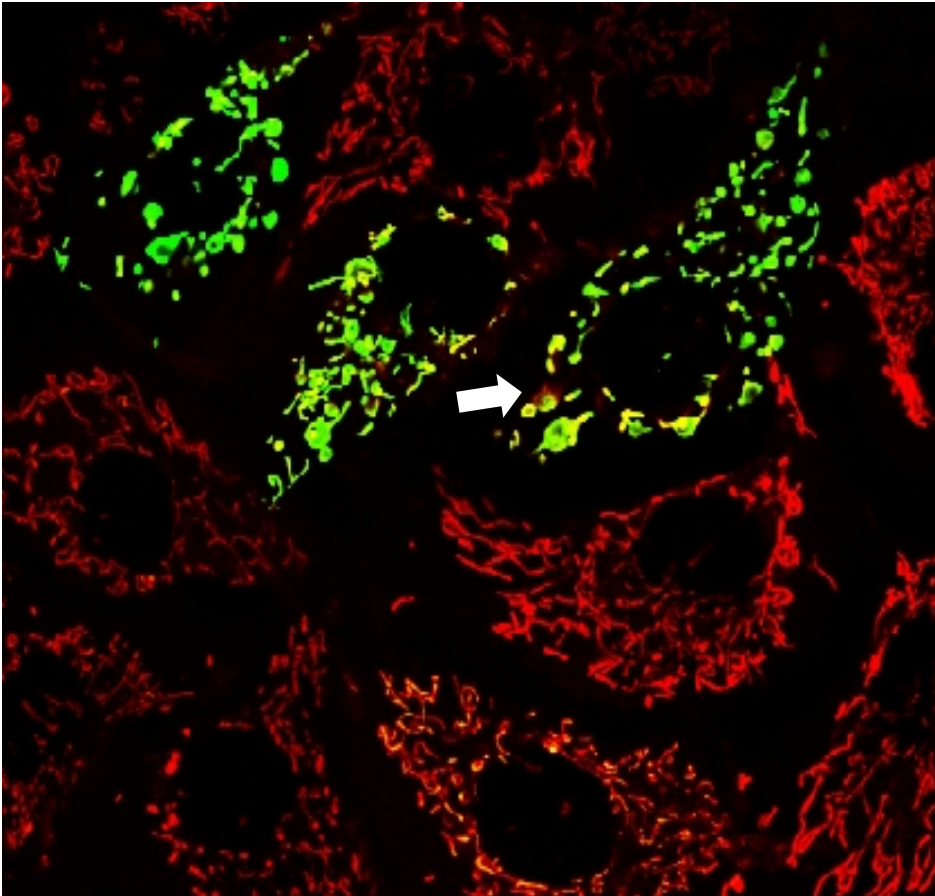
C



Zoomed portion of C

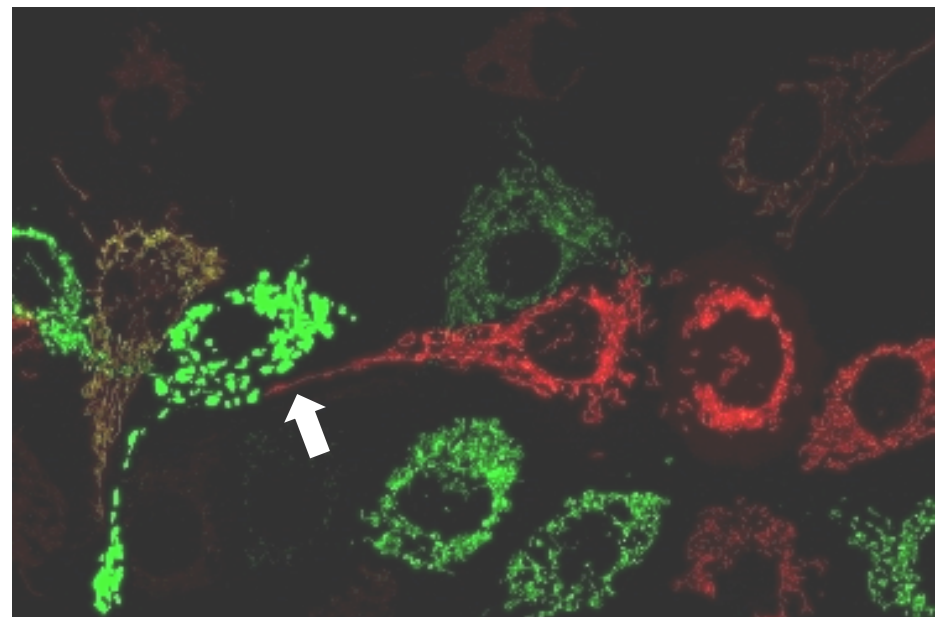
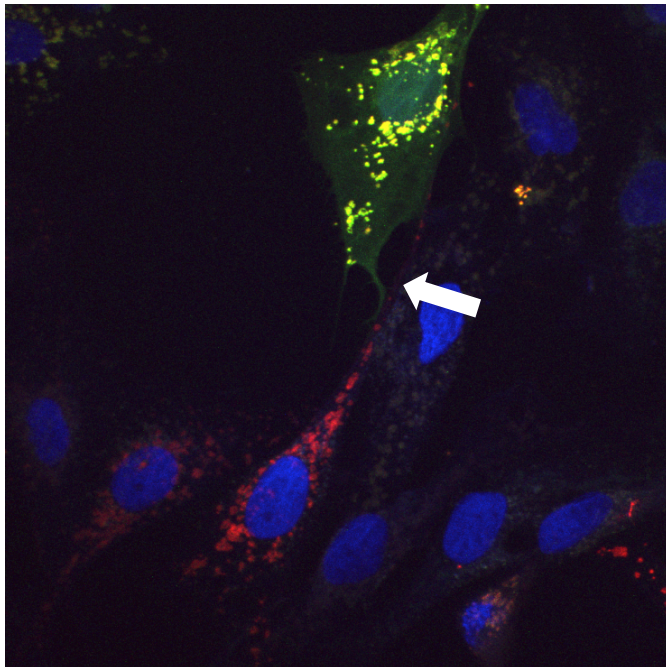
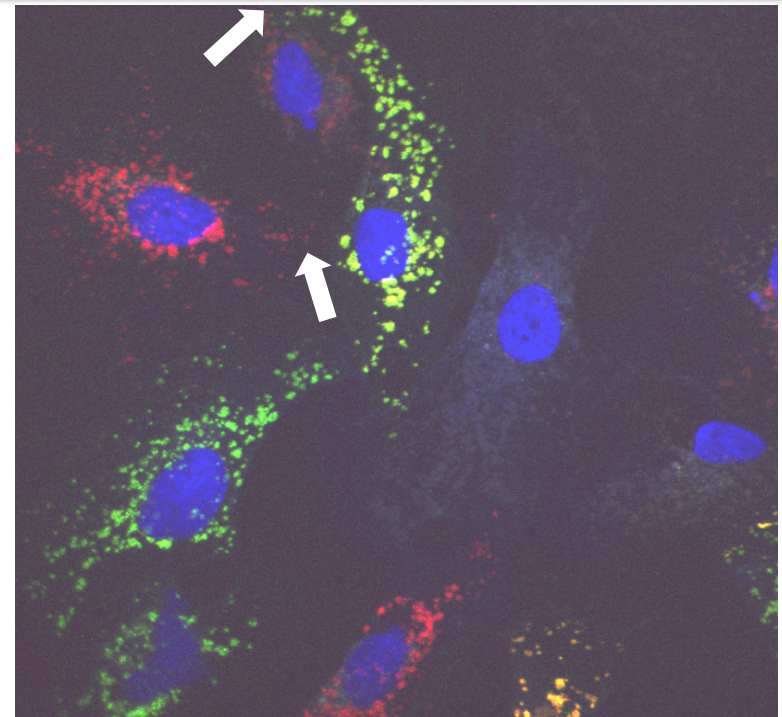
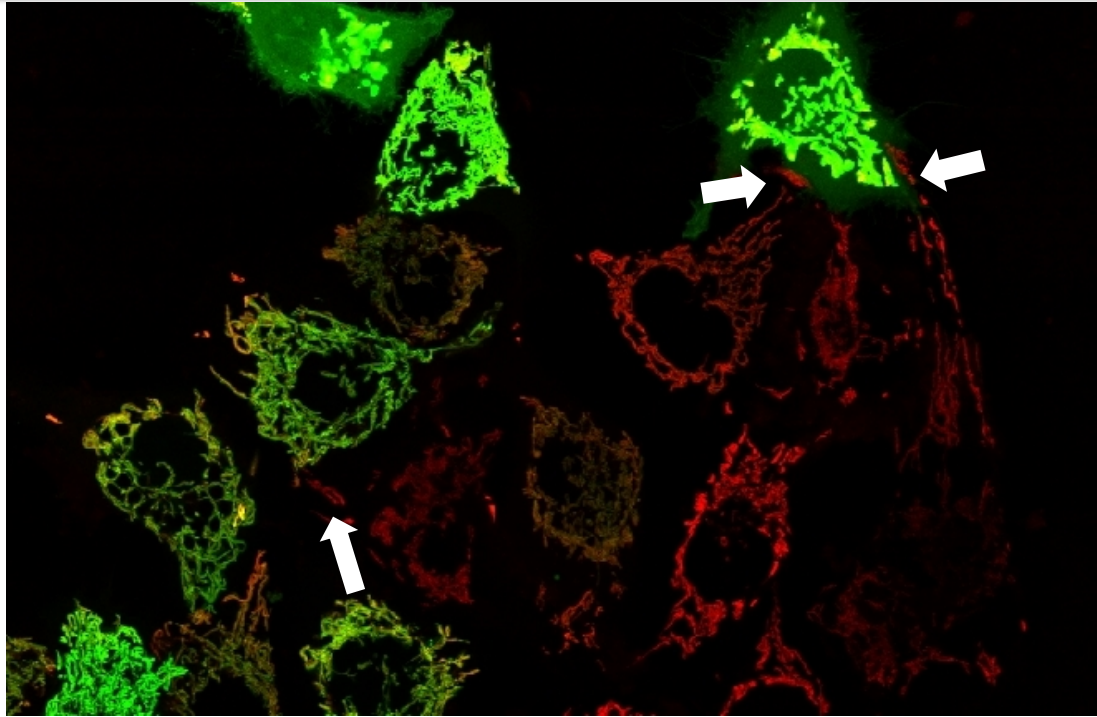
Some but not all yellow mitochondria

MOST COMMON (60-70%) – GREEN CELL WITH SOME RED/YELLOW



Arrow shows mRFP from MSC in mGFP transfected epithelial cells

**LESS COMMON (20%) – GREEN CELL WITH SOME RED/YELLOW AND CELL-CELL CONNECTIONS**





**EVEN LESS COMMON (10%) – MOSTLY YELLOW CELL WITH SOME GREEN/RED (HIGH MITOCHONDRIAL TRANSFER). MULTIPLE CONNECTIONS CAN SOMETIMES BE SEEN**

